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**F A X T R A N S M I T T A L**

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<b>Date</b>	<b>Total pages</b>	<b>Attorney number</b>	<b>Client/matter number</b>
July 1, 2008	4	28016	123874-181587

<b>To</b>	<b>Company</b>	<b>Fax number</b>	<b>Telephone</b>
Examiner Thuy Chan Dao	United States Patent and Trademark Office	571.273.8570	

<b>From</b>	<b>Fax number</b>	<b>Telephone</b>
Paul Davis	650.853.1038	650.752.3106

**Message:**

Request for Interview for 10/756,894  
and discussion points attached

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LTBC/3331650.1

PTOL-413A (10-07)

Approved for use through 06/30/2008. OMB 0851-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE**Applicant Initiated Interview Request Form**

Application No.: 10/756,894 First Named Applicant: West  
 Examiner: Dao, Thuy Chan Art Unit: 2192 Status of Application: pending

**Tentative Participants:**

(1) Thuy Chan Dao, Examiner (2) Paul Davis, Applicant representative  
 (3) \_\_\_\_\_ (4) \_\_\_\_\_

Proposed Date of Interview: July 14, 2008 Proposed Time: 1 p.m. EST AM/PM

**Type of Interview Requested:**

(1) ☒ Telephonic (2) ☐ Personal (3) ☐ Video Conference

Exhibit To Be Shown or Demonstrated: ☐ YES ☒ NO

If yes, provide brief description: \_\_\_\_\_

**Issues To Be Discussed**

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) <u>Rejection</u>	<u>1-48</u>	<u>WinRunner</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(4) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Continuation Sheet Attached

**Brief Description of Argument to be Presented:**

Discussion of claims amended in the supplemental amendment filed 6/24/2008 and the prior art

An interview was conducted on the above-identified application on \_\_\_\_\_.

NOTE: This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).

This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

Applicant's Representative Signature

Paul Davis

Typed/Printed Name of Applicant or Representative  
29,294

Registration Number, if applicable

Examiner/SPE Signature

This collection of information is required by 37 CFR 1.133. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**REQUEST FOR INTERVIEW FOR U.S. Serial No. 10/756,894****PROPOSED DATE: July 14, 2008****TIME: Any time after 9:00 a.m.****TYPE OF INTERVIEW: Personal****DISCUSSION POINTS**

WinRunner 7.0 Tutorial, Mercury Interactive Corp. 2000 ("WinRunner")

U.S. Patent Publication No. 2004/0107415 to Melamed et al. ("Melamed").

**FURTHER DETAIL**

Independent claim 1 recites "converting a test case to an abstract representation using semantic analysis, wherein the abstract representation comprises at least three components, and wherein the at least three components include at least one application state, at least one external interaction sequence, and input data."

WinRunner fails to identify any **semantic analysis** which is used to **convert a test case into an abstract representation**. An example of a semantic analysis approach to decomposing an imported test case is shown, e.g., in FIG. 7 of the present application and referenced in paragraph [0031]. Neither WinRunner nor Melamed discloses any such semantic analysis used for **converting a test case into an abstract representation**.

The GUI Map described in WinRunner identifies certain properties of GUI elements in the software application being tested. (See WinRunner, pp. 22-26). A GUI Map can be created for each test generated by a user of the WinRunner program. (See WinRunner, pp. 27-29). However, the GUI Map merely describes properties and status of individual GUI elements which are present in a tested application and recorded in a platform-dependent format.

WinRunner does not provide an abstract representation of a test case which includes three *separate* components, i.e., **application states, external interaction sequences, and input data**, as recited in amended independent claim 1.

Melamed discloses the use of "platform-neutral data representation protocols" such as XML which allow communication of *platform-specific test cases* and other data between a server and a host machine. (See Melamed, paras. [0071], [0076]). Such test cases are formulated in a *specific* scripting language and parsed for a *specific* test environment (e.g., WinRunner or SilkTest), and are accompanied by a GUI environment file corresponding to the specific target test environment.

June 30, 2008

Respectfully submitted,  
GOODWIN PROCTER LLP

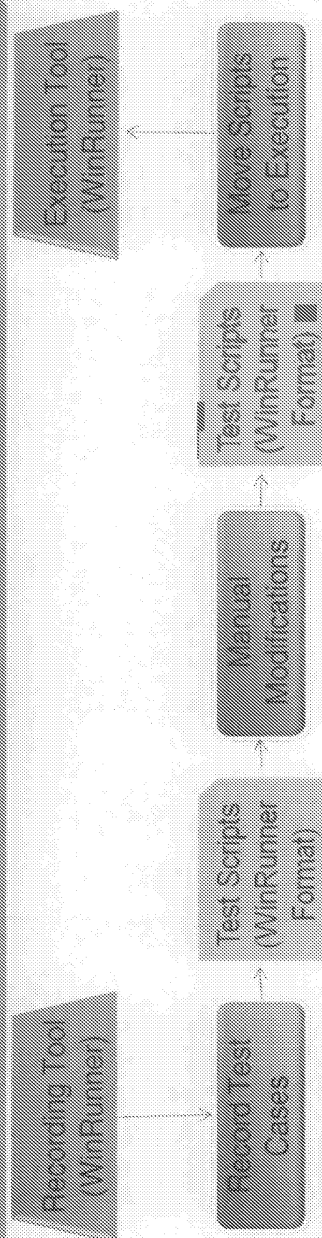
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Paul Davis

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Customer No. 77845

# Test Automation Standard Workflow Using WinRunner

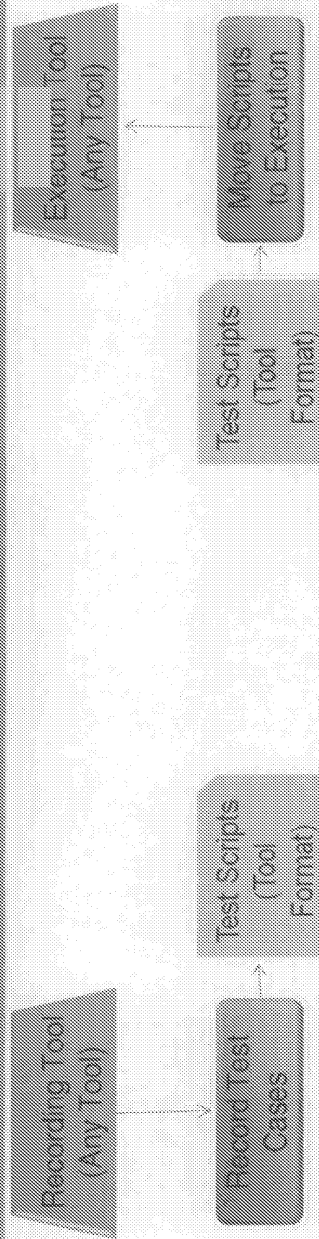
Symphony  
TESTING



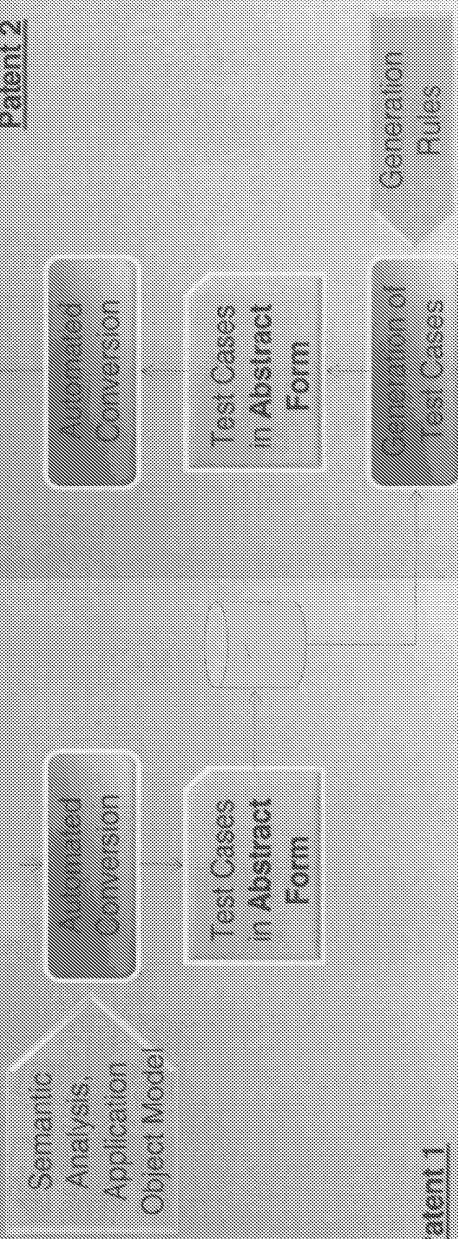
Manual Step

# Test Automation Workflow with Our Patents

Symphony



## Patent 2



## Patent 1

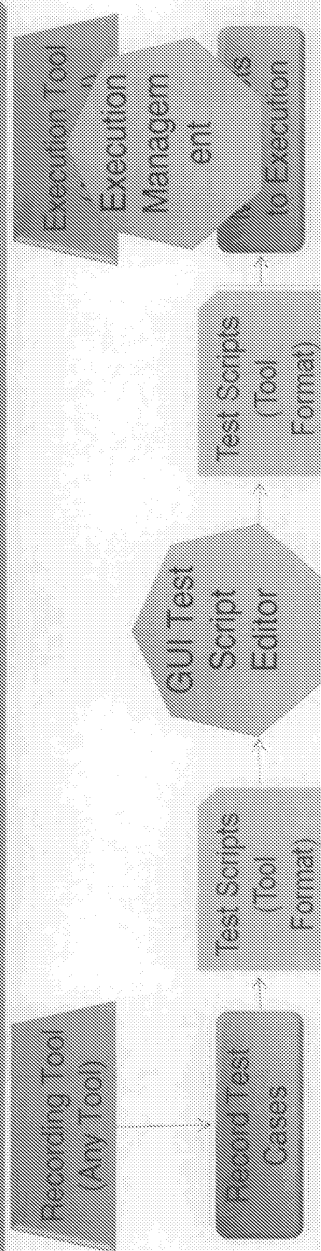
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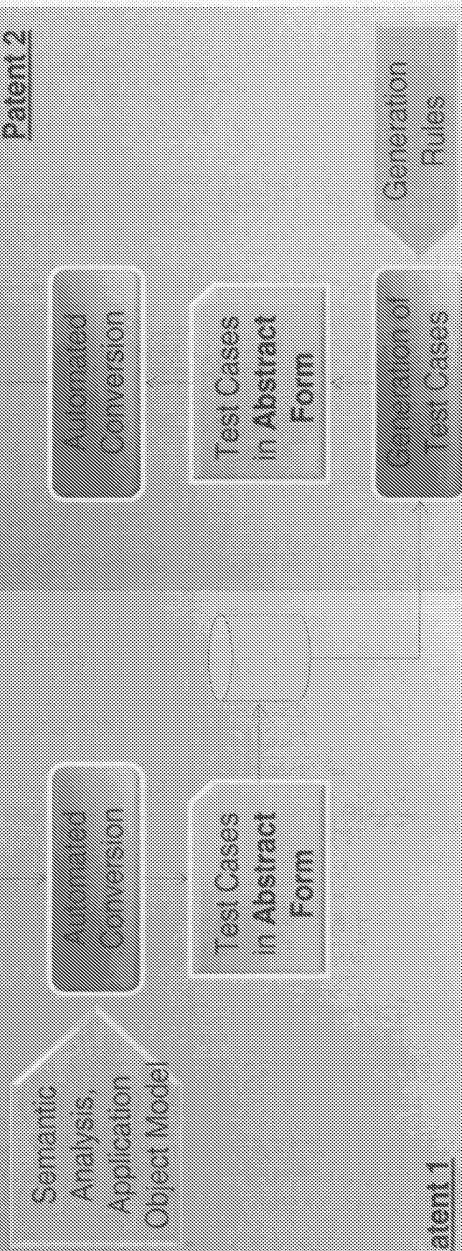


# Test Automation Workflow with Our Patents and Patent by Melamed et al.

symphony



## Patent 2



## Patent 1

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